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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/817,246	03/27/2001	Naoaki Horiuchi	041465-5103	8058

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EXAMINER

NGUYEN, HUY THANH

ART UNIT	PAPER NUMBER
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2616

DATE MAILED: 09/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/817,246

Applicant(s)

HORIUCHI ET AL.

Examiner

HUY T. NGUYEN

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. ____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 12/30/02.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Objections

1. Claim 1 objected to because of the following informalities:

Claim 1, line 9, "preformed" should be changed to --performed--. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-4, 7-15 and 18-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Omori (6,658,194).

Regarding claims 1 and 12, Omori discloses an AV information processing unit (Figs. 1-2) comprising:

an AV information accumulating device for accumulating AV (Audio Visual) information, which include any one of audio information, video information and data information associated with at least any one of the audio information and the video information (columns 3, lines 1-30, column 4, lines 28-50)

plural performing devices for performing partial information processing (video or audio effect, dissolving, wiping, adding, mixing which is a part of information processing required to be performed from the outside, by using said accumulated AV information and performing each of said partial information processes, which are different each other, separately (Figs. 6-8); and

a shifting device for shifting at least a portion of utility information (in or out points, time codes or editing list information) from said performing device, which has performed one partial information processing, to said performing device for performing other partial information processing, so that at least a portion of the utility information used to perform said one partial information processing can be used to perform said other partial information processing since each partial performances uses in, out point, time codes or the editing list for processing video or audio (columns 3, column 4, lines 1-10, column 9 lines 10-55)

Further for claims 12, Omori teaches a medium stored with a program to cause a computer functions since the apparatus of Omori controller and executed by a computer (column 6, line 55 to column 7, line 20).

Regarding claims 2 and 13, Omori further teaches the AV information processing unit according to claim 1, wherein said each performing device performs said associated partial information processing, respectively, in accordance with a processing procedure set in advance since dissolving, cutting and adding are controlled by computer (Figs. 2,6-8, column 6, line 55 to column 7 line 20).

Regarding claims 3 and 14, Omori further teaches the information processing unit, further comprising an outputting device for outputting an performing result from said entire information processing, which is obtained by performing said each partial information processing by said each performing device to an exterior by using at least any one of a voice and an image (Figs. 6-8, column 8, column 9, lines 1-10).

Regarding claims 4 and 15, Omori further teaches the information processing unit further comprising an outputting device for outputting an performing result from said entire information processing, which is obtained by performing said each partial information processing by said each performing device to an exterior by using at least any one of a voice and an image (Fig. 6-8, column 8, column 9, lines 1-10).

Regarding claims 7 and 18, Omori further teaches the AV information processing unit, further comprising an obtaining device for obtaining said AV information from the exterior 15 and accumulating it in said AV information accumulating device; wherein said each performing device performs said associated partial information processing by using said AV information (column 7, lines 60-67, column 8).

Regarding claims 8 and 19, Omori teaches the AV information processing unit, further comprising an obtaining device for obtaining said AV information from the exterior 15 and accumulating it in said AV information accumulating device; wherein said each performing device performs said associated partial information processing by using said AV information (column 7, lines 60-67column 8).

Regarding claims 9 and 20, Omori further teaches the AV information processing unit further comprising an obtaining device for obtaining said AV information

from the exterior 15 and accumulating it in said AV information accumulating device (column 8) ; wherein said each performing device performs said associated partial information processing by using said AV information.

Regarding claims 11 and 21 , Omori further teaches the AV information processing unit further comprising an obtaining device for obtaining said AV information from the exterior (15) and accumulating it in said AV information accumulating device; wherein said each performing device performs said associated partial information processing by using said AV information (column 8).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to

consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 5,6, 10,16,17 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Omori in view of Best.

Regarding claims 5,6,16 and 17, Omori fails to teaches a receiving device for receiving said information processing required from the exterior by the voice as recited in claims 5, 6,16 and 17.

Best discloses an apparatus having a control means for storing predetermined instructions to generate commands in response the voice of user or viewer (column 8).

It would have been obvious to one of ordinary skill in the art to modify Omori with Best by providing the apparatus of Omori with a control means that stored predetermined instruction for generating editing commands in response to the voice of a user or viewer thereby enhancing the capacity of the apparatus of Omori to provide more convenience to the user in operating the apparatus .

Regarding claims 10 and 21 , Omori further teaches the AV information processing unit according to claim 5 further comprising an obtaining device for obtaining said AV information from the exterior (15) and accumulating it in said AV information accumulating device; wherein said each performing device performs said associated partial information processing by using said AV information (column 7, lines 55-67, column 8).

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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUY T. NGUYEN whose telephone number is (571) 272-7378. The examiner can normally be reached on 8:30AM -6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on (571) 272-7950. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

H.N


HUY T. NGUYEN
PRIMARY EXAMINER